



## SHINTARO DIGITAL PHOTO FRAME PIXEL WARRANTY

### Introduction

LCD display panels are made up of a set number of pixels and each pixel is made from 3 sub-pixels one Red one Green and one Blue. Every sub pixel is addressed by its own transistor and so the manufacture of a glass substrate is very complex.

Due to the nature of the manufacturing process, occasional defects can occur. Pixel defects or failures cannot be fixed or repaired and can happen at any stage in the LCD's life. This can result in sub-pixels being stuck in an always OFF (dark/dead dot) or always ON (bright dot) mode..

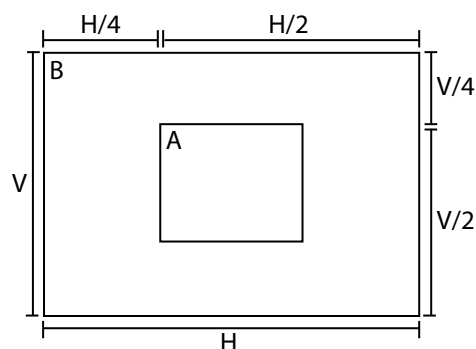
### Warranty Details

Shintaro DPF's do NOT cover a zero dead or bright pixel warranty. Please refer to the image below stating exact number of allowed defect pixels. If the DPF has more defective pixels then stated below it should be returned back to the place of purchase for warranty, assuming it is still within the one year manufactures warranty period. The panel shall need to have defects from both areas A and B and contain both Black and Bright defects equal to or greater than the allowed amount detailed below to be deemed faulty.

Acceptable Criteria Below:

ITEM	AREA	
	A	B
BLACK DOT DEFECT	$\leq 2$	$\leq 3$
BRIGHT DOT DEFECT	$\leq 1$	$\leq 2$
TOTAL	$\leq 3$	$\leq 5$

LCD Panel Area:



A) Inner display area  
B) Outer display area

NOTE: Distance between a Black Dot Defect and a Bright Dot Defect should be more than 3mm